



09/849707

COFC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Gregory J. Smith et al. Docket: 50019.57USU1/P04868
Patent No.: US 6,775,112 B1
Issued: August 10, 2004
Title: APPARATUS AND METHOD FOR IMPROVING ESD AND TRANSIENT IMMUNITY IN SHUNT REGULATORS

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 12, 2004.

By: 

Name: Brett A. Hertzberg

Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Request for Certificate of Correction
- ☒ Certificate of Correction
- ☒ Charge Deposit Account 13-2725 in the amount of \$100.00 for Certificate of Correction fee
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Merchant & Gould P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
206.342.6200

By: 

Name: Brett A. Hertzberg
Reg. No.: 42660
BAH/ab

23552

PATENT TRADEMARK OFFICE

Certificate
NOV 22 2004
of Correction

NOV 23 2004

(PTO TRANSMITTAL - POST ISSUANCE)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Gregory J. Smith et al. Docket: 50019.57USU1/P04868
Patent No.: US 6,775,112 B1
Issued: August 10, 2004
Title: APPARATUS AND METHOD FOR IMPROVING ESD AND TRANSIENT IMMUNITY IN SHUNT REGULATORS

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 12, 2004.

By: 

Name: Brett A. Hertzberg

Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Request for Certificate of Correction
- ☒ Certificate of Correction
- ☒ Charge Deposit Account 13-2725 in the amount of \$100.00 for Certificate of Correction fee
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Merchant & Gould P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
206.342.6200

By: 

Name: Brett A. Hertzberg
Reg. No.: 42660
BAH/ab

23552

PATENT TRADEMARK OFFICE

NOV 23 2004

(PTO TRANSMITTAL - POST ISSUANCE)



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: US 6,775,112 B1 Docket: 50019.57USU1/P04868
Issue Date: August 10, 2004 Patentee: Gregory J. Smith et al.
Title: APPARATUS AND METHOD FOR IMPROVING ESD AND
TRANSIENT IMMUNITY IN SHUNT REGULATORS

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 12, 2004.

By: 

Name: Brett A. Hertzberg

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Sir:

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. One copy of the text of the Certificate in the suggested form is enclosed.

As some of the errors listed are due to Applicants' mistake, the Commissioner is authorized to charge Deposit Account No 13-2527 in the amount of \$100.00 to cover the necessary fee in connection with this Certificate.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims, and re-examination is not required.

11/16/2004 HUUONG1 00000019 132725 6775112
01 FC:1811 100.00 DA

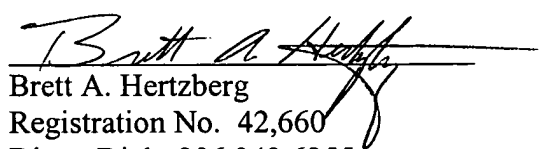
MERCHANT & GOULD
P.O. 2903
Minneapolis, MN 55402-0903

Respectfully submitted,

MERCHANT & GOULD

23552

PATENT TRADEMARK OFFICE


Brett A. Hertzberg
Registration No. 42,660
Direct Dial: 206.342.6255

NOV 23 2004

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : US 6,775,112 B1

PAGE 1 **of** 1

DATED : November 12, 2004

INVENTOR(S) : Gregory J. Smith et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page:

Beginning "(73) Assignee: National Semiconductor Corporation,
Santa Clara, CA (US)"

should read --(73) Assignee: National Semiconductor Corporation,
Santa Clara, CA (US); and
Motorola, Inc.
Schaumburg, IL (US)--

In the Abstract:

"and cause the active device to 'turn on'" should read --and cause the active device to "turn on."

Column 7, Line 20: "SO as to" should read --so as to--

Column 8, Line 6: "1.8. k Ω ." should read --1.8 k Ω --

Column 8, Line 23: "a GaAs, FET to JFET" should read --a GaAs, FET, JFET--

Column 10, Line 31: "inverter 160" should read --inverter I₆₀--

Column 10, Line 38: "at node N₆" should read --at node N₆₁--

Column 11, Line 59: "ground terminal response to" --ground terminal in response to--

Column 11, Line 66: "the protection circuit fry" should read --the protection circuit further--

Column 12, Line 2: "the signal firm the power" should read --the signal from the power--

Column 12, Line 15: "slower than the fist" should read --slower than the fast"

Column 13, Line 6: "transient evens" should read --transient events--

Column 13, Line 56: "a slow ESD event an the power" should read --a slow ESD event on
the power--

Column 14, Line 48: "to couple a fast signal" should read --to couple a fast transient signal--

MAILING ADDRESS OF SENDER:

Merchant & Gould P.C.
Attn: Brett A. Hertzberg
P.O. Box 2903
Minneapolis, MN 55402-0903

PATENT NO. US 6,775,112 B1

Docket No. 50019.57USU1/P04868

No. of add'l copies 0

23552

PATENT TRADEMARK OFFICE

FORM 1050

NOV 23 2004